

## TEMPERATURE SENSITIVE PATTERNED MEDIA TRANSDUCERS

### Abstract of the Disclosure

Playback transducers for patterned media systems comprise temperature sensitive  
5 resistors, including thermistors and resistance temperature detectors. The transducers are  
typically thin film depositions mounted on a slider for flying head application. Possible  
configurations are generally V-shaped, may involve parallel or perpendicular recording  
geometry, and are conceptually similar to (but simpler in construction than)  
magnetoresistive or giantmagnetoresistive thin film transducers. The transducers may  
10 incorporate supplementary heating elements and/or coatings to optimize performance.

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